

Converting Colors

XYZ(55.1470, 65.5767, 65.8353)

Have a look what the booklet for
XYZ(55.1470, 65.5767, 65.8353)
contains.

XYZ(55.1075, 65.5609, 65.6272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1075, 65.5609,
65.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DDCA
RGB	179, 221, 202
RGB Percent	70%, 87%, 79%
CMY	0.2980, 0.1333, 0.2078
CMYK	0.19, 0.00, 0.09, 0.13
HSL	153°, 38%, 78%
HSV	153°, 19%, 87%
XYZ	55.1075, 65.5609, 65.6272
YIQ	206.2760, -18.9330, -14.8130

Conversions

Conversions Part 2

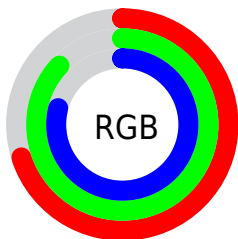
Format	Color
RYB	179, 206, 221
Decimal	11787722
CIELab	84.77, -17.43, 4.80
CIELCh	85, 18.083, 164.599
Yxy	65.5609, 0.2958, 0.3519
Android (android.graphics.Color)	4289977802 (0xFFB3DDCA)
YUV	206.2760, -2.1081, -23.9211
Hunter-Lab	80.9697, -20.2109, 8.6233

Details

The XYZ color **55.1075, 65.5609, 65.6272** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1342, 51.6911, 60.4476**, and the grayscale version is **58.8663, 61.9319, 67.4438**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.5857, 33.8462, 33.0960** is the 20% darker color. If you saturate the color by 10%, you get **49.2578, 62.6795, 59.3731**, and if you desaturate by 10%, it is **61.8562, 68.9005, 72.3266**.

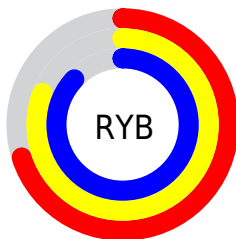
Distribution



Red (70%)

Green (87%)

Blue (79%)



Red (70%)

Yellow (81%)

Blue (87%)

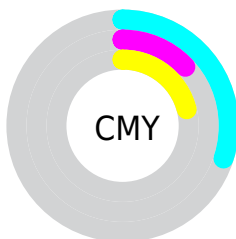


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (30%)


Magenta (13%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1075, 65.5609, 65.6272 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.1075, 65.5609, 65.6272 by changing the saturation by 10% instead.


 55.1075, 65.5609,
65.6272

 55.1075, 65.5609,
65.6272


396.4491,
444.8049, 463.4102

 39.7220, 47.9160,
47.5153


 96.8458, 112.8559,
114.5730

 27.5051, 33.7604,
33.0859


123.9294,
143.2748, 146.2439

 18.0915, 22.7096,
21.9206


155.6430,
178.7205, 183.2716

 11.1158, 14.3792,
13.6008

192.3520,
219.5774, 226.0746

 6.2126, 8.3849,
7.7080

234.4217,
266.2299, 275.0714

 3.0167, 4.3422,
3.8236


282.2176,

 1.1626, 1.8668,


319.0624, 330.6806


1.5291


336.1049,
378.4592, 393.3207


 0.0765, 0.5283,
0.2394


 0.0000, 0.0000,
0.0000


 55.1075, 65.5609,
65.6272


 55.1075, 65.5609,
65.6272


 49.2578, 62.6795,
59.3731


 61.8562, 68.9005,
72.3266


 44.2613, 60.2274,
53.5506

 69.5362, 72.7094,
79.4759

 40.0762, 58.1850,
48.1512

 78.1848, 77.0085,
87.0855

 36.6549, 56.5281,
43.1648

 83.1242, 79.3860,
94.9434

■ 33.9448, 55.2296,
38.5807

■ 84.6676, 80.0034,
103.0710

■ 31.8857, 54.2588,
34.3875

■ 85.1477, 80.1954,
105.5992

■ 30.4071, 53.5795,
30.5731

■ 29.3988, 53.1350,
27.1230

■ 29.3100, 53.0963,
26.7988

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.0073, 65.5609, 56.6609



55.1075, 65.5609, 65.6272



55.0815, 65.5609, 77.1513

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1075, 65.5609, 65.6272



64.2959, 65.5609, 95.1999



68.0213, 65.5609, 56.8504

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.1075, 65.5609, 65.6272



56.1342, 51.6911, 60.4476

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1527, 65.5609, 65.9128



55.1075, 65.5609, 65.6272



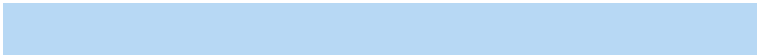
67.9395, 65.5609, 88.4609

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1075, 65.5609, 65.6272



60.2695, 65.5609, 95.1020



70.1222, 65.5609, 77.4694



64.4036, 65.5609, 51.9799

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1075, 65.5609, 65.6272



56.1243, 65.5609, 84.8038



70.1222, 65.5609, 77.4694



68.9421, 65.5609, 59.4615

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.1093, 65.5636, 65.6287



88.5488, 96.7750, 102.8828



57.4425, 67.0580, 52.5646



18.8078, 20.6418, 21.8839



0.0000, 0.0000, 0.0000



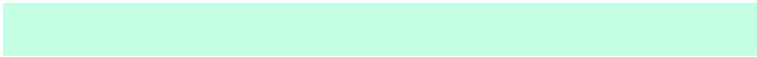
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1093, 65.5636, 65.6287



72.6845, 88.9301, 87.0725



57.1321, 65.7837, 78.0963



13.1833, 14.7250, 15.4284



17.0837, 30.8661, 15.8721



1.1500, 2.0170, 1.2560

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1342, 51.6911, 60.4476



74.3627, 66.2194, 78.5926



54.3595, 51.4325, 49.7110



13.2997, 13.1490, 14.8396



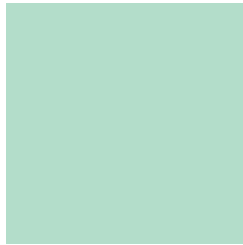
18.7135, 9.4864, 8.1372



1.2554, 0.6318, 0.7539

Previews

White Background



This preview shows how the XYZ color 55.1075, 65.5609, 65.6272 looks on a white background.

Color Contrast Check

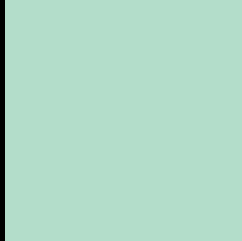
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.1075, 65.5609, 65.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

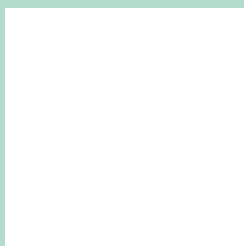
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1075, 65.5609, 65.6272

Background



This preview shows how black text looks on a background with the XYZ color 55.1075, 65.5609, 65.6272.



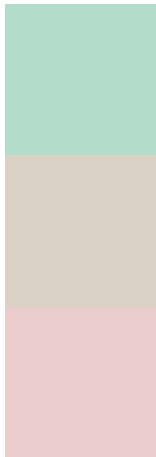
This preview shows how white text looks on a background with the XYZ color 55.1075, 65.5609,

65.6272.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.1075, 65.5609, 65.6272

Protanopia

61.9238, 64.9841, 61.5040

Deuteranopia

66.5440, 65.0859, 66.8132



Tritanopia

59.4147, 65.3665, 87.3274

Trichromacy



Original Color

55.1075, 65.5609, 65.6272

Protanomaly

59.1414, 65.0077, 62.8567

Deuteranomaly

61.6772, 64.7490, 66.3738

Tritanomaly

57.7847, 65.4840, 78.7013

Monochromacy



Original Color

55.1075, 65.5609, 65.6272

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.0787, 62.7321, 66.8577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1075, 65.5609, 65.6272 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(179, 221, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 221, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.1075, 65.5609, 65.6272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 221, 202) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 221, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(179, 221,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1075, 65.5609, 65.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 221, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
221, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor